

FIG. 1

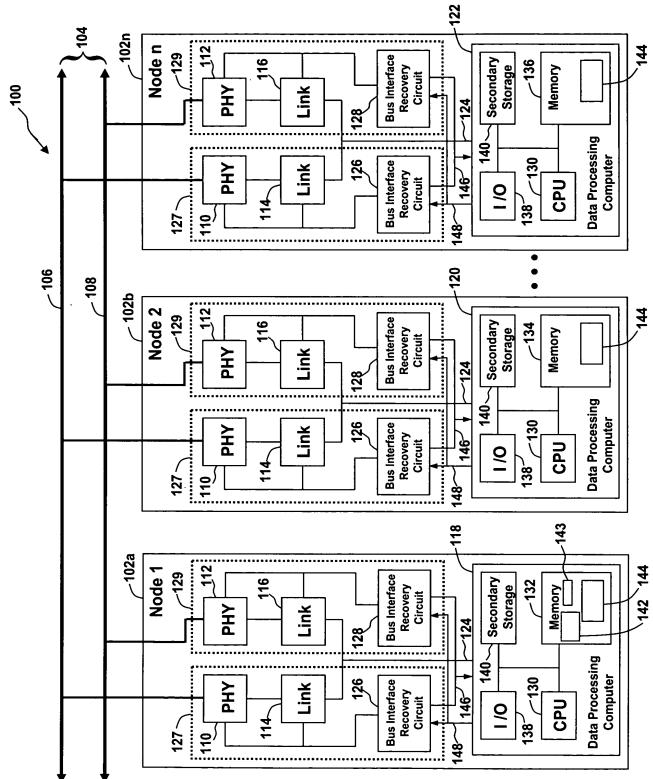


FIG. 2

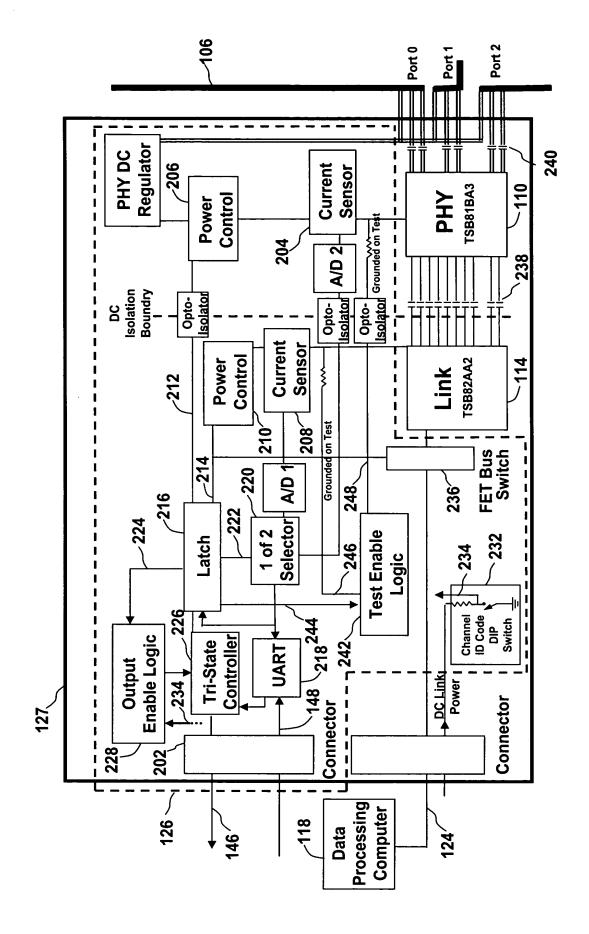


FIG. 3

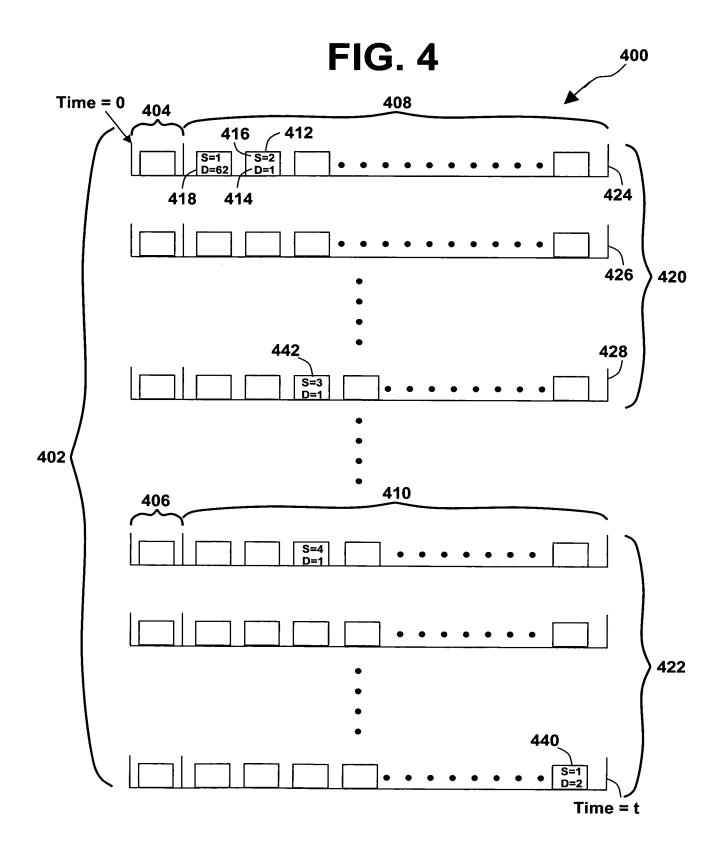


FIG. 5 500 Start Transmit "heartbeat" message 502 on at least one bus to at least one other node 504 Response to Y "heartbeat" message received Ν 506 Transmit second "heartbeat" message to non-responsive other node on at least one bus 508 Response to Y second "heartbeat" message received Ν 510 **Transmit Recovery Command** to the non-responsive other node on a second bus **End**

FIG. 6

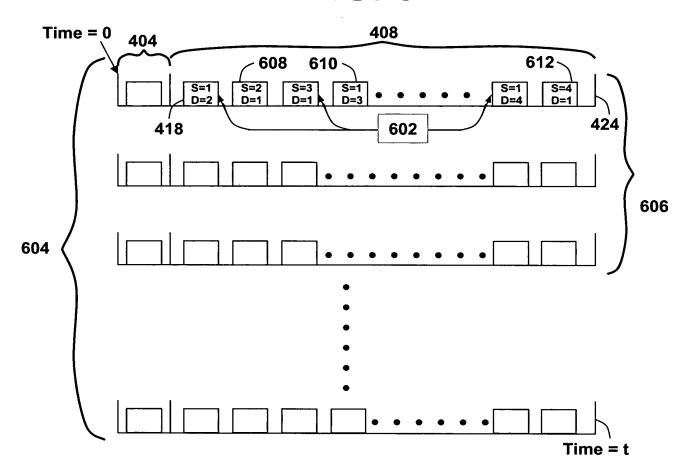


FIG. 7

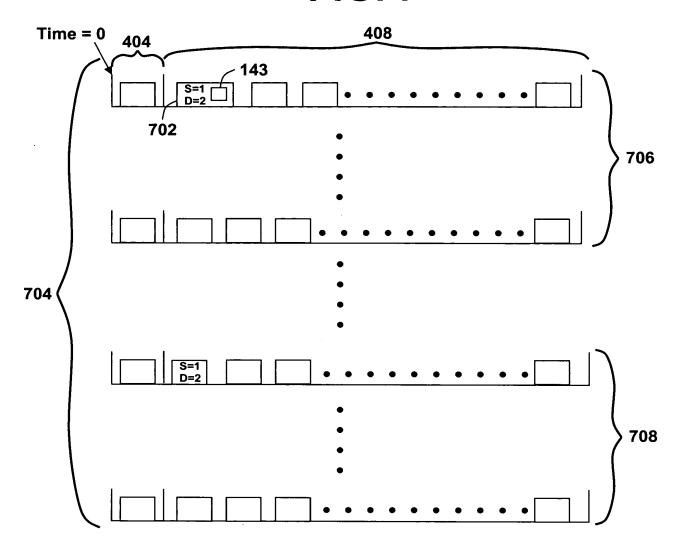


FIG. 8

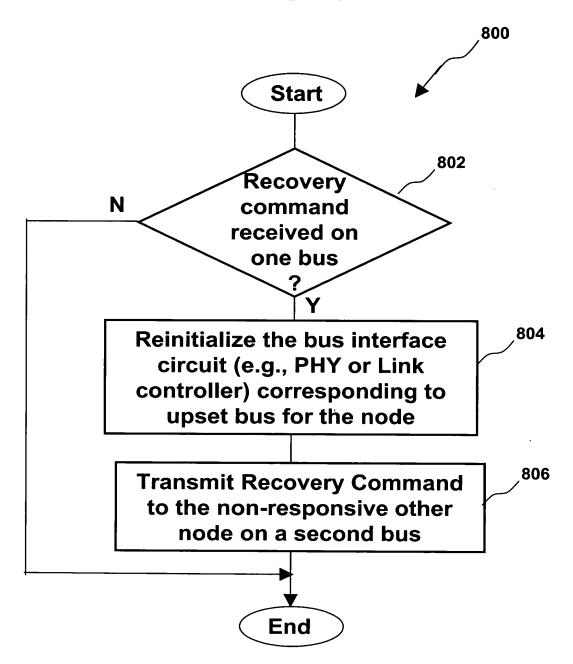


FIG. 9

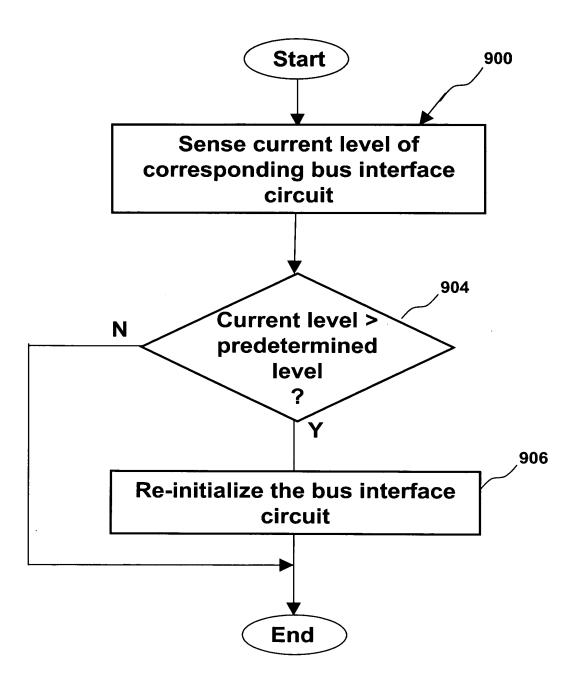


FIG. 10

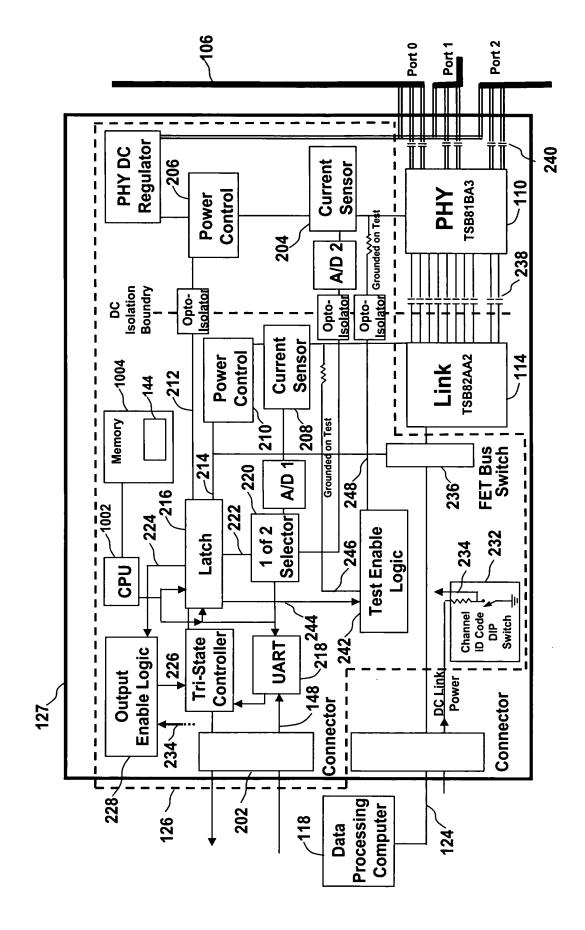


FIG. 11 122 Node n 44 7 136 Secondary Storage Memory 1100 **Data Processing** Computer **Bus Interface** PH₹ Link Recovery Circuit CPU 127 \ 120 - 102b Node 2 144 Secondary 134 Storage Memory 140 Data Processing Computer Bus Interface Recovery Circuit PHY Link CPU 127 143 Node 1 144 Secondary -132 Storage Memory 1104 142 124 Data Processing Computer 16 7130 **Bus Interface** 표 Link Recovery Circuit CPU 127 1102